

Data Record Sheet for Odour Measurements

Site Being Monitored: _____

Assessors Name: _____

Location of Assessment: _____

Date: _____

 Reason for investigation: **COMPLAINT / PROACTIVE**
INITIAL IMPRESSIONS

Time of the initial impression: _____

Odour intensity: _____

Character: _____

General hedonic tone: _____

Plume width (if known): _____

Odour samples every ten seconds. The time between the ten seconds is disregarded (interval method)

Start time: _____

	Intensity	Character/notes
1st min	0	
	10	
	20	
	30	
	40	
	50	
2nd min	0	
	10	
	20	
	30	
	40	
	50	
3rd min	0	
	10	
	20	
	30	
	40	
	50	
4th min	0	
	10	
	20	
	30	
	40	
	50	
5th min	0	
	10	
	20	
	30	
	40	
	50	

	Intensity	Character/notes
6th min	0	
	10	
	20	
	30	
	40	
	50	
7th min	0	
	10	
	20	
	30	
	40	
	50	
8th min	0	
	10	
	20	
	30	
	40	
	50	
9th min	0	
	10	
	20	
	30	
	40	
	50	
10th min	0	
	10	
	20	
	30	
	40	
	50	

Scale of Intensity	
6	Extremely strong
5	Very strong
4	Strong
3	Distinct
2	Weak
1	Very weak
0	No odour

Weather Data (see over)

Wind direction:
Wind velocity:
Cloud cover:
Temperature:

General Hedonic Tone	
-4	Extremely unpleasant
-3	
-2	
-1	
0	Neutral
1	
2	
3	
4	Extremely pleasant

Based on your assessment on this occasion, which of the following applies:

- I did not detect any odour
- I did detect odour and consider it would not be objectionable at any location for any duration or frequency
- I did detect odour and consider it would not be objectionable, UNLESS it became continuous
- I did detect odour and consider it would be objectionable if it occurred on a regular or frequent basis
- I did detect odour and consider it to be objectionable even in periods of short duration.

FINAL CHECKLIST

- Upwind Assessment completed. If not, detail reason: _____
- Aerial photo showing location of assessment attached
- Are there potential witness statements to obtain YES / NO

REMARKS: _____

Definitions

OBJECTIONABLE	<p>The term objectionable is the term used in consent conditions and is an ingredient of any subsequent enforcement action. It is a subjective term and is open to interpretation. There is guidance from case law which defines objectionable as:</p> <p>Unpleasant or offensive or repugnant</p> <p>Open to objection or undesirable or disapproved of</p> <p>Noxious or dangerous</p> <p>A test will be applied by the court that the term objectionable will be as it applies to "the minds of a significant cross section of reasonable people in the community". The assessor must bear this test in mind when completing their assessment.</p>
INTENSITY	The strength of the odour (e.g. 3 'distinct')
CHARACTER	What the odour smells like (e.g. fishy)
HEDONIC TONE	The degree to which an odour is perceived as pleasant or unpleasant (e.g.-4 'extremely unpleasant')

Land Beaufort Wind Scale

B. No.	Description	How to Recognise
0	Calm	Smoke rises straight up
1	Light Air	Smoke drifts
2	Light Breeze	Wind felt on face; leaves rustle
3	Gentle Breeze	Flags flap; twigs move all the time
4	Moderate Breeze	Papers blow; small branches move
5	Fresh Breeze	Small trees sway
6	Strong Breeze	Large branches move, wind whistles
7	Near Gale	Whole trees sway

Measuring Cloud Cover

During the day the sun is always shining, so the amount of sunshine reaching the ground depends on the amount and duration of any cloud cover. The amount of cloud cover is usually given in units called oktas. Each okta represents one eighth of the sky covered by cloud.

Okta No.	Description
0	Clear Sky
1	Sunny
2	Mostly sunny
3	
4	Half the sky is covered in cloud
5	
6	Mostly cloudy
7	Considerable cloudiness
8	Overcast
F	Fog / Mist

Measuring Temperature

Use descriptors below:

Cold	Cool	Mild	Warm	Hot
------	------	------	------	-----

REMARKS continued: